```
logo
                                                  ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1
NTDB id 1103 NMB RS07590 WP 002212976.1           ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1471 ASU2 RS04565 WP 014991634.1          ..MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1         ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 30143 STBHUCCB RS21575 WP 000157067.1    MASKGVNKVILVGNLGQDPEVRYMPNGGAVVNLSLATSDTWTDKQTGDKKERTEWHRVVLYGKLAEIASEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1      MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1447 BW25113 RS21080 WP 000168305.1      MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVASEYLRKGSQVYI   80
consensus                                            **!!!!**!*!!*!!**!*!!*!*!!*****!!!**! !***!***!*!!!!********!!*!**!!*!!**!!*
```

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logo
                                                  EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGY..GQSQEAYQRPAQQSRQP...........   139
NTDB id 1131 NGFG RS05740 WP 003695064.1
NTDB id 1103 NMB RS07590 WP 002212976.1           EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGY..GQSQEAYQRPAQQSRQP...........   139
NTDB id 1471 ASU2 RS04565 WP 014991634.1          EGRLKTRKWQDQNGQDRYTTEI....QGDVLQMLGGRNQGGDF.G........GNQGGWGNSAPAPQQSYNQGNSGYGYD   145
NTDB id 1390 A4U84 RS00055 WP 021115958.1         EGKLKTRKWQDQNGQDRYTTEI....QGDVLQMLDSRSSGGDF.G........GNQGSGWNQAPA.QTNYNQGGYSDNYA   144
NTDB id 30143 STBHUCCB RS21575 WP 000157067.1    EGALRTRKWTDQSGVEKYTTEVVVS.QSGTMQMLGGRNSA..........GSGQQQGGWG.QPQQPAAP...........   137
NTDB id 1166 A1552VC RS00795 WP 000168289.1      EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNVPAQQGSWG.QPQQPAKQ...........   147
NTDB id 1447 BW25113 RS21080 WP 000168305.1      EGQLRTRKWTDQSGQDRYTTEVVVN.VGGTMQMLGGRQ.GGGA.PAGGNIGGGQPQGGWG.QPQQPQGG...........   145
consensus                                        !!****!!**** !*********     *  **!!**!* ***  *        ***!**** *****
```

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logo
                                                  .APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF................   174
NTDB id 1131 NGFG RS05740 WP 003695064.1
NTDB id 1103 NMB RS07590 WP 002212976.1           .ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF................   174
NTDB id 1471 ASU2 RS04565 WP 014991634.1          QTASRPA...QQAAKQAAKPAQAEPPMDNFDDDIPF................   178
NTDB id 1390 A4U84 RS00055 WP 021115958.1         QNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF................   180
NTDB id 30143 STBHUCCB RS21575 WP 000157067.1    ..SHSG........MPPQQHPANEPPM.DFDDDIPFAPFGHSVARHALYVLS   178
NTDB id 1166 A1552VC RS00795 WP 000168289.1      ..HQPMQ..QSAPQ.QYSQPQYNEPPM.DFDDDIPF................   177
NTDB id 1447 BW25113 RS21080 WP 000168305.1      ..NQFSGGAQSRPQQSAPAAPSNEPPM.DFDDDIPF................   178
consensus                                                *  *      **  ***!****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved